

## CLAIMS

What is claimed is:

1. An automated mechanism to deposit oil paint or similar substances on a canvas.
2. The automated mechanism of Claim 1, wherein said automated mechanism contains a paint deposition mechanism which is capable of moving in three dimensions.
3. The automated mechanism of Claim 1, wherein said automated mechanism uses a syringe to deposit said paint.
4. An automated mechanism to deposit and redistribute oil paint or a similar substance on a canvas.
5. The automated mechanism of Claim 4, wherein said automated mechanism contains paint deposition mechanism which is capable of moving in three dimensions.
6. The automated mechanism of Claim 4, wherein said automated mechanism uses a syringe to deposit said paint.
7. The automated mechanism of Claim 4, wherein said automated mechanism uses a brush to redistribute said paint.

8. An automated mechanism to deposit oil paint or similar substances on a canvas comprising:
  - an attachment mechanism through which a canvas suitable for painting is held in place;
  - a deposition mechanism for depositing a selectable amount of paint through a well defined opening onto a canvas held by said attachment mechanism;
  - a motion control mechanism, attached to said deposition mechanism to move said deposition mechanism to a desired position with respect to the canvas; and
  - a control system which receives external data describing an amount of a given paint which is to be deposited at a pre-determined position on the canvas and which controls said motion control system and paint deposition mechanism.
9. The automated mechanism of Claim 8, further comprising a painting implement attached to said motion control system to be used to redistribute paint on the canvas.
10. The automated mechanism of Claim 9, wherein said painting implement is a brush.
11. The automated mechanism of Claim 8, wherein said motion control mechanism uses belt-driven actuators.
12. The automated mechanism of Claim 8, wherein said deposition mechanism comprises a syringe.

13. A automated method of painting a picture having three-dimensional texture, comprising the steps of:  
 inputting into a painting machine a data base which contains at least instructions on colors of paint, locations of their deposition, and amounts of paint to be distributed;  
 loading a known color of paint into a paint distribution mechanism which is part of said painting machine;  
 repeatedly depositing given amounts of said known color of paint at respective locations described in said instructions;  
 repeating said loading step and said depositing step for each color specified in said data base.
14. The method of Claim 13, further comprising the step of redistributing the paint after at least some of said depositing steps, using a utensil which is moved by said painting machine.
15. The method of Claim 14, wherein said utensil comprises a brush.
16. The method of Claim 14, wherein said utensil comprises a painting knife.
17. The method of Claim 14, wherein said known color of paint is an acrylic paint.
18. The method of Claim 14, wherein said known color of paint is an oil paint.